

REMARKS

This divisional application retains claims 6-15 constituting Group II of a Restriction Requirement made in the Official Action of April 12, 2000 in the parent application. The claims relate to use of an optical code reader to obtain video image signals. Original claims 28-30 have been amended to depend from claim 6 of elected Group II. New claims 36-39 have been added within this same group.

Respectfully submitted,

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In the Title Page, inventors names:

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In the Title Page, Title:

OPTICAL CODE READER FOR PRODUCING VIDEO DISPLAYS [AND
MEASURING PHYSICAL PARAMETERS OF OBJECTS]

In the Abstract:

An imaging optical code reader is adapted for use in producing video displays and for use in motion detection surveillance using video compression and narrow band width communication links. An optical system including a plane parallel plate may be employed to change the system focal distance. [The imaging optical code reader is also adapted for

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measurement of physical parameters of a target object including motion, distance, weight
and dimensions.]

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Marked-up Claims 28-30

28. (Amended) The apparatus of claim 6 further comprising [An optical system for an optical code reader comprising]:

[an area image sensor;]

an objective lens assembly adapted and positioned for focusing an image onto the [area] two dimensional image sensor; and

a transparent optical element with substantially parallel, planar surfaces, selectively movable into the optical path of the image sensor;

wherein the system has a focal distance adapted for reading code symbols relatively near to the objective lens assembly and another focal distance for imaging scenes relatively far from the objective lens assembly; and

wherein the thickness of the plate is selected to change the focal distance of the system between the one focal distance and the other.

29. (Amended) The optical system of claim [28] 6, wherein the system operates in a hyper-focal mode when the optical element is moved into the optical path of the image sensor.

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Marked-up Claims 28-30

30. (Amended) The optical code of claim [28] 6, wherein the optical element is a glass plate located in a sector of a rotatable wheel located between the objective lens assembly and the image sensor.--

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